

Title (en)

FULL RING INNER AIR-SEAL WITH LOCKING NUT

Title (de)

VOLLSTÄNDIGE INNENRING-LUFTDICHTUNG MIT SICHERUNGSMUTTER

Title (fr)

JOINT À AIR INTÉRIEUR ANNULAIRE COMPLET AVEC ÉCROU DE VERROUILLAGE

Publication

**EP 2900933 A1 20150805 (EN)**

Application

**EP 13841325 A 20130925**

Priority

- US 201213628298 A 20120927
- US 2013061513 W 20130925

Abstract (en)

[origin: WO2014052345A1] A vane assembly has a vane including an inner platform with a mount rail extending radially inwardly toward an engine center axis. An air seal is attached to the inner platform. The air seal has a single-piece ring extending circumferentially about the engine center axis. A ring nut secures the air seal to the inner platform. A biasing member cooperates with the ring nut and air seal to seal fore and aft locations on the vane.

IPC 8 full level

**F01D 9/02** (2006.01); **B23P 15/04** (2006.01); **F01D 9/06** (2006.01); **F01D 11/00** (2006.01); **F01D 11/10** (2006.01); **F02C 7/28** (2006.01)

CPC (source: EP US)

**B23P 15/04** (2013.01 - US); **F01D 11/04** (2013.01 - US); **F01D 11/10** (2013.01 - EP US); **F02C 7/28** (2013.01 - EP US); **F01D 9/065** (2013.01 - US); **F01D 11/001** (2013.01 - US); **F01D 11/005** (2013.01 - US); **F05D 2240/11** (2013.01 - EP US); **F05D 2250/191** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US); **Y10T 29/49336** (2015.01 - EP US)

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Designated extension state (EPC)

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